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INDEX

[*Continued from page 446*]

Patents:
54, 104, 157, 209, 261, 310, 358, 405, 445
Dill patent bill killed 164
Patent cases in the courts. Judge J. W. Van Allen 189

Pentodes:
Pentode confusion (ed) 46
Subject for confidential industry discussion (ed) 47
Two kinds of pentodes. Keith Henney 40

Pentode Power Tube:
Characteristics and applications. B. V. K. French 12
Harmonic analysis applied to the power pentode. H. E. Rhodes (diag.).. 118

Personalities:
Builders of the electronic arts (Picture) 301
Builders of the electronic arts (Picture feature) 332

Photo-Electric Cell:
Coming industrial markets. Keith Henney 288
Industrial problems. J. V. Breisky.. *227
It counts, it alarms, it controls (Picture feature) 95
Light-sensitive cells 233
Music made by electronic organ..... *113
Reflected infra-red-beam safeguards whole room *370
Sic transit "photo-cell" (ed) 393
Standards and ratings (ed) 246
Uses, properties and characteristics (diag.) 29
Westinghouse laboratory cornerstone laid by cell (N) 165

Photo-Electric Cell—Industrial Applications:
Animated chart controlled by photocells *430
Cells in steel mills (N)..... 216
Circuits of photo-electric smoke recorder 292
Control Detroit bridge traffic. B. Cooper *114
"Electric eye" in blood analysis..... 293
"Electrical eye" for glass industry (N) 216
Electric eye separates chemicals..... *430
Electronic recording of high-speed projectiles *419
Hold cup under faucet; water flows.. 389
Indoor sign operated by photo-cell.... *339
Industrial uses. J. V. Breisky (diag.) 74
Industrial uses (Picture feature).... 256
Jail deliveries prevented by cell-controlled guns (N) 53
Light-beam train control in Germany 338
Photo-cell record speeds up dial-telephone calls 292
Phototube in automatic weaving. Arthur Korn *378
Phototube voltage supervisor. W. P. Koechel *418
Printing plates made by photo-cell method 339
Smoke-prevention methods. Phototube starts blower 389
Use of the photo-electric cell in photometry. C. H. Sharp (diag.). 243
Physicists survey electronic advance 44

Production:
Radio overproduction again in 1930?. 128

Races timing by electrical clocking device. 165

Radio:
All-wave radio receiver for aircraft. R. S. Kruse *336
Analysis of uniform r.f. amplification. E. A. Uehling 414
Antenna coupling systems as applied to radio receivers. J. Marsten (diag.). 82
Basic radio case to Supreme Court (N) 363
Bottle-neck (ed) 432
Broadcast-station power and 1931 radio-set sales. H. O. Caldwell.... 412
Census of sets taken this month (N) 52
Do side-bands exist? (ed)..... 91
Einstein pays tribute to radio (N)... 269
Engineering trends in receiving sets at Atlantic City. Keith Henney.....*176
Exports ahead of last year (N)..... 363
Federal monitor station at Grand Island opens (N) 26
Fifty-one cities to use radio to catch criminals (N) *364
45 nations ratify world radio agreement (N) 216
Higher altitudes, better reception.... 434
Improved pre-selector circuit for radio receivers. E. A. Uehling..... 279
KDKA to use new 200 kw. tubes (N) 268
Magnetic disturbances and long-distance reception 42
New aero radio stations authorized (N) 315
Obstructing the farmer's use of radio (ed) 392
Only one-third of America's homes yet have radio (N) 205
Overproduction again in 1930?..... 128
Polish station to combat Soviet propaganda *364
Radiophone installed in Vatican (N) *268
Research, radio automobiles. C. F. Kettering 329
Short waves carry the load (ed).... 297
Signals increased during eclipse (N).. 113
Small radio cabinets vs. low frequency response (ed) 345
To sink battleship Utah while under radio control (N) 315
Tube makers plan replacement policy (N) 257
United States and Soviets in radio entente (N) 267

Radio Corporation of America:
Government files suit against RCA group (N) 111
Government's anti-trust suit postponed until December (N) 315

Radio Manufacturers' Association:
Engineering division meeting (N).... 215
Meeting (N) 53
Patent bureau to be established (N) 269
Radio interference (N) 411
Trade show 176
Working on pentode problems (N)... 217

Radio Pictures Corporation:
Investing in 34 talkies (N) 113

Railroads:
Automatic stop worked! (ed)..... 195

Relays—Tube:
Grid-controlled glow and arc discharge tubes. Knowles & Sashoff *183
Research, radio automobiles. C. F. Kettering 329
Reviews of electronic literature here and abroad....48, 92, 146, 196, 248, 298, 346, 394, 440
Rockefeller Radio City *218

Russia:
Soviet spending millions on radio (N) 365

Society of Motion Picture Engineers:
Discuss economics, progress and new problems of industry *384
Meeting 131
Meeting (Picture feature) 152

Sound Pictures:
Acoustic and light characteristics of sound screens. B. Kreuzer *420
Army sound pictures (N) *315
Automatic volume control for sound-movies (ed) 145
Colby protests prices of sound picture equipment (N) 111
Conference in Paris (N) 163
Decision on sound film patents (N). 217
Economic evolution with the introduction of sound pictures. F. S. Irby *30
"Electronics" chart of the sound picture industry of the world (insert)
European sound-picture industry..... *282
Film producers to spend millions in 1931 (N) 409
Foreign-language sound films in production (N) 267
German collection of historical sound films (N) 314
Ground noise in sound-on-film pictures. H. B. Tasker *333
Ground noise in sound pictures. H. G. Tasker *273
Home talking movies (ed)..... 296
Home talking movies. F. S. Irby... *276
Industry abroad. Dr. F. S. Irby.... 193
Legal evidence in trials (N)..... 52
Meeting sound picture competition abroad. North & Golden..... *384
Motion Picture Engineers look into future (ed) 392
Paris conference reaches agreement (N) 215
Recording under difficulties (Picture feature) 397
Sound film reproduction without mechanical slit *380
Sound motion-picture photography. J. H. Livadary (diag.)..... 240
Sound movies for the deaf (ed)..... 433
Sound "tricks" in picture production. C. Dreher *371
Standardization of the new "wide films" (ed) 90
Statistics (charts) 130
Symposium of papers presented at meeting of Society of Motion Picture Engineers 131
U. S. Supreme Court holds film producers in trust (N) 409
Unsolved problems of sound-picture technique. Dr. A. N. Goldsmith... *23
We must produce foreign-language films, too (ed) 195
Wide-film pictures. E. I. Sponable.. *65

Speakers:
Damped diaphragm reproducer. R. Miehling 385
Directional characteristics of loudspeakers for theatres. Louis Malter 186
Improvements in dynamic speakers. I. B. Serge *385
Loudspeaker on bus (N) *269
Symposium on loud speakers 142
Unit to cheer Harvard's team..... *410
Wanted, a more efficient speaker (ed) 145
Spectrum—radio, ether and audible (Picture feature) 26

Telephony:
Marconi—short-wave lights exposition 11,000 miles away (N) 52
Transatlantic phone service. Dr. H. E. Mendenhall *38
Voice number calls from dial phones. P. B. Findley *424

Television:
In the theatre (Picture feature) ... 147
Proposed on ultra-high waves (N)... 410
Requirements of television. E. H. Felix 235
Two-way television (Picture feature). 100
Wanted, another Nipkow (ed) 91

Therapeutics:
American College of Surgeons favors "electronic knife" (N) 365
Electron tube as a saver of life. Dr. L. DeForest 223
"Electronic knife" third great advance in brain surgery (ed) 322
Electronics in surgery — the radio knife. C. R. Underhill *316
Measuring the heat's EMF (Picture feature) 377
Producing artificial fevers. Carpenter & Page 68
Tone control (ed) 195
Design of tone control circuits. K. W. Jarvis 230

Traffic Control:
Photo-electric cell used in traffic control *339
Photo-electric cells control Detroit bridge traffic. B. Cooper *114

Transformer:
Design of the output transformer. Hitchcock & Osbon, pt. 1..... *381
Output transformer design pt. 2. Hitchcock & Osbon 427
Typewriter—radio-operated *365
Ultra violet light shows check raiser's changes 430

Vacuum Tube:
American versus British practice (ed) 296
Big tube family (ed) 246
Coming industrial markets. Keith Henney 288
Electronic motor *251
Family tree of the thermionic tubes.. 77
In the news (Picture feature)..... 352
Low-drain tubes for battery receivers 122
Materials entering into tubes..... 367
New markets for American tubes? (ed) 247
Raw materials, costs—in tube manufacture 366
Role of barium in vacuum tubes. J. A. Becker 390
Teach them to change their tubes (ed) 345
X-rays in testing tubes (Picture feature) 323

Vacuum Tube—Industrial Applications:
Controls gasoline "knocks" *431
Industrial uses of vacuum devices. S. M. Kintner *15
Mechanized "army band" 389
Oscillator used for continuously recording wire diameter. C. W. Loeber (diag.) 70
Power control through heavy-current tubes. O. W. Pike..... *85
Protests showcase (N) *315
Slow acting vacuum tube relay. Dale Pollack *342
Some new uses of vacuum tubes.... 289
Stage and mobile illumination. H. A. Breeding 237
Tube—as a surveying tool. D. L. Parkhurst *124
Voltmeter. See Measurements.

Warner Bros.:
Acquire National Radio Advertising. 112
Expanding in radio field (N) 267

Weaving:
Phototube in automatic weaving. Arthur Korn *378

X-Ray:
Atom is X-rayed by new process.... 363
Industrial X-rays—revealers of secrets (ed) 345
Pasadena scientists produce 600,000 volt (N) 314
X-rays in testing tubes (Picture feature) 323

AUTHORS' INDEX

BAKER, W. R. G. Building an engineering organization 62
Stimulating the engineers 126
Barber, A. W. Simplified harmonic analyzer *374
Becker, J. A. Role of barium in vacuum tubes 390
Bedford, A. V. Concatenated cone speaker 143
Berresford, A. W. Electrical manufacturer and the new uses of the vacuum tube 60
Bostwick, L. G. Efficient loudspeaker at the higher frequencies..... 142
Breeding, H. A. Vacuum tube in stage and mobile illumination 237
Breisky, J. V. Industrial uses of the photo cell (diag.)..... 74
Photo cell as applied to industrial problems *227
Brickwedde, F. G., and R. B. Scott. Photo-electric cell thermo-regulators... 45

CALDWELL, O. H. Broadcast-station power and 1931 radio-set sales.. 412
Some prospects for the electron tube in power transmission *324
Carpenter, C. M., and A. B. Page. Producing artificial fevers 68
Cohen, Louis. Tuned condenser-coupled amplifiers 340
Tuned radio-frequency amplifiers.... 21
Cooper, Benjamin. Photo cells control Detroit bridge traffic *114

[Continued on page 450]

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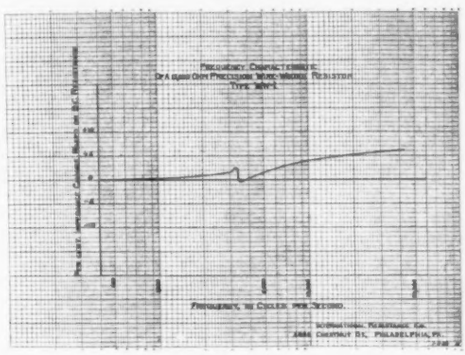
One of the salient qualities of our new Precision Wire Wound Resistors is illustrated in the graph below. This shows the change in impedance with frequency. The maximum change under 50,000 cycles is so low that it



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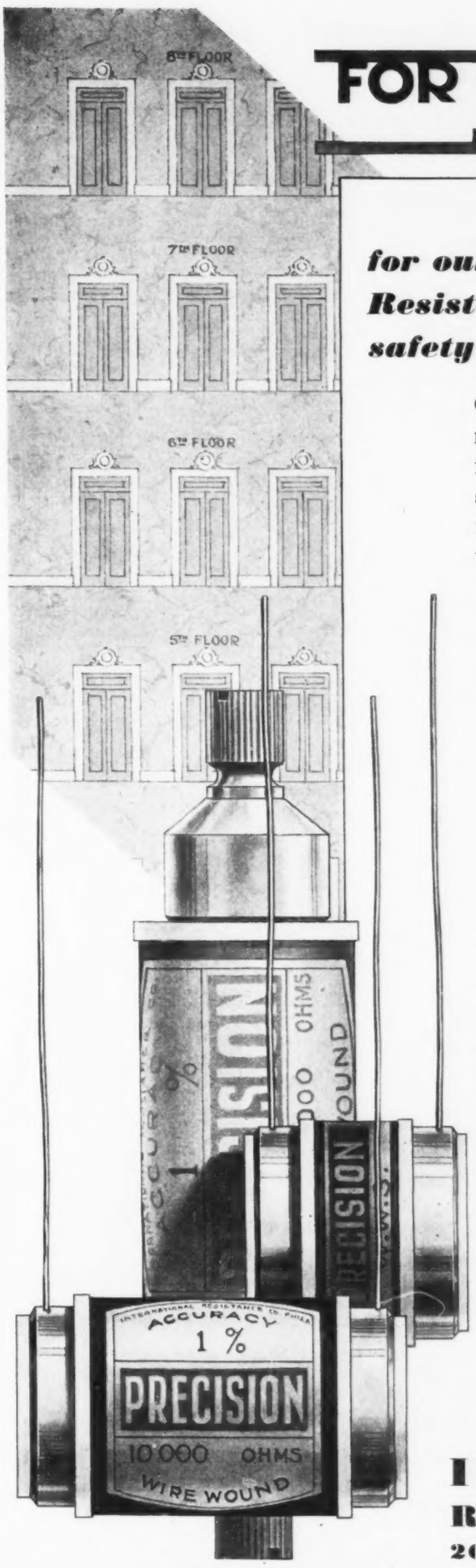

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INDEX

[*Continued from page 448*]

Crabtree, J. I. Electronics and the motion-picture engineer 60

DeFOREST, DR. LEE. Electron tube as a saver of life 223
Dennington, A. R. Delivering electrons outside the tube 294
Dimmick, G. L. New galvanometers for variable-area recording 134
Dreher, Carl. Sound "tricks" in picture production *371

EINSTEIN, PROF. ALBERT. Writes equation for gravitation and magnetism (N) 52
Ellsworth, Harold, and Paul McMichael. Color definition 320
Evans, P. H. Sound reproduction—disk versus film 135

FELIX, EDGAR H. Requirements of television 235
Findley, Paul B. Voice number calls from dial phones *424
Fink, Dr. Colvin G. Electronic phenomena open new doors to electrochemistry 61
Fletcher, Harvey. Acoustic engineers credit recent marked progress to electronic tools 61
Franks, C. J. Output meter for testing radio receivers *190
French, Benedict V. K. Power pentode, its characteristics and applications.. 12

GERMOND, HALLETT H. Electronic amplifier tests bearings for vibration 292
Gibbs, General Geo. S. Fascimile transmission from plane to ground..*117
Goldsmith, Dr. Alfred N. Music of the electron *270
Unsolved problems of sound-picture technique *23

HANNA, C. R. Theory of the electrostatic loud speaker 143
Henney, Keith. Coming industrial markets for application of the thermionic tube and the photo-electric cell.. 288
Engineering trends in receiving sets at Atlantic City 176
Two kinds of pentodes 40
Hess, Wendell F. Color sensitiveness of photo-electric cells 220
Hitchcock, R. C., and W. O. Osbon. Design of the output transformer *381
Output transformer design pt. 2..... 427
Holden, Dean H. Electronic control of complex auditorium lighting *368
Holman, Arthur J. Projection by the revolving lens wheel mechanism... 135
Horn, C. W. Importance of phase control in synchronizing 423
Horton, J. W. Electron tubes in scientific measurements *18
Houston, W. V. Quantum theory of the photoelectric and thermionic in metals 44

IRBY, DR. FRANKLIN S. Economic evolution with the introduction of sound pictures *30
Home talking movies *276
Recent and future economic changes in the motion picture field..... 132
Sound-picture industry abroad 193
Ives, Herbert, and H. B. Briggs. Photo electric properties of extremely thin films of alkali metals 45

JARVIS, KENNETH W. Design of ton control circuits (diag.) 230

KARAPETOFF, VLADIMIR. Electron- and beyond 37
Kellogg, Edward W. Loud-speaker sound-pressure measurements 142
New recorder for sound-on-film..... 133
Kennelly, A. E. Magnetic disturbances and long-distance reception 42
Kettering, C. F. Research, radio automobiles 329
Kintner, S. M. Industrial uses of vacuum devices *15
Kispaugh, A. W. Recent developments in high-power broadcast transmitters diag. 136
Knowles, D. D. and S. P. Sashoff. Grid-controlled glow and arc discharge tubes *183
Koechel, W. P. Phototube voltage supervisor *418
Korn, Arthur. Phototube in automatic weaving *378
Kreuzer, Barton. Acoustic and light characteristics of sound screens *420
Kruse, Robert S. All-wave radio receiver for aircraft *336
Design of a portable signal generator..*285
Development of insulating materials.. 72

LAMPKIN, G. F. Analysis of high modulation transmission 326
Dual-frequency audio source for general laboratory use *417
Livadary, John P. Sound motion picture photography (diag.) 240
Loeber, C. W. Developments in ultra-high frequency generation *376
Vacuum-tube oscillator used for continuously recording wire diameter (diag.) 70
Lowry, E. F. Phenomena in oxide coated filaments 44

McMICHAEL, PAUL & HAROLD ELLSWORTH. Color definition..... 320
Malter, Louis. Directional characteristics of loudspeakers for theatres.... 186
Loudspeaker and theatre sound reproduction 134
Marsten, Jesse. Antenna coupling systems as replied to radio receivers (diag.) 82
Matthews, G. E. Report of committee on progress 384
Report of committee on progress of sound pictures 131
Mendenhall, Dr. H. E. Tubes for short-wave transatlantic phone service *38
Miehling, Rudolph. Damped diaphragm reproducer 385
Miller, E. C. Simplified method of measuring broadcast harmonics 425
Miller, W. C. Volume control by the squeeze track method 134
Millikan, Dr. R. A. *363

NORTH, C. J., & N. B. GOLDEN. Meeting sound picture competition abroad.*384

OSBON, W. O., and R. C. HITCHCOCK. Design of the output transformer.*381
Output transformer design pt. 2.... 427

PAGE, A. B. Very short radio waves.... 173
Page, A. B., and C. M. Carpenter. Producing artificial fevers 68
Palmer, M. W. Photo-electric device for timing negatives 134
Parkhurst, Douglas L. Tube—as a surveying tool *124
Partridge, H. M. Electronic tubes in chemistry 166
Pike, O. W. Power control through grid-regulated heavy-current tubes... *85
Pollack, Dale. Slow acting vacuum tube relay *342

RANGER, RICHARD H. Trans-oceanic photo-radio (diag.) 224
Redfield, John. Nature of music 239
Rentschler, Dr. Harvey C. Photo-cells for special applications (diag.) 29
Rhodes, Howard E. Harmonic analysis applied to the power pentode (diag.) 118
Richmond, H. B. Future of electronics.. 121

SASHOFF, S. P., and D. D. KNOWLES. Grid-controlled glow and arc discharge tubes *183
Schmit, D. F., and J. M. Stinchfield. Measuring harmonic distortion in the tube circuits (diag.) 79
Serge, I. Bobrovsky. Improvements in dynamic speakers *385
Sharp, Clayton H. Use of the photo-electric cell in photometry (diag.) 243
Smith, Harold E. Future of electronics.. 121
Sponable, E. I. Latest developments in wide-film pictures *65
Stinchfield, J. M., and D. F. Schmit. Measuring harmonic distortion (diag.) 79
Stryker, N. R. Scanning losses in reproduction 135

TASKER, HOMER G. Ground noise in sound-on-film pictures *333
Ground noise in sound pictures.....*273
Torman, P. E. Linear detection of heterodyne signals 386
Thompson, B. J. Measuring $\frac{1}{100,000,000,000,000,000}$ of an ampere 290
Thompson, Lincoln. New power amplifier with a positive grid-bias 139
Tulauskas, Leonard. Multi-range vacuum tube voltmeter 170

UEHLING, EDWIN A. Analysis of uniform r.f. amplification 414
Improved preselector circuit for radio receivers 279
Underhill, Charles R. Electronics in surgery . . . the radio knife.....*316

VAN ALLEN, JUDGE JOHN W. Patent cases in courts 189

WAGNER, EDGAR R. Chemical phenomena in coated filaments 178
Waterman, A. T. Density distribution of electron gas in equilibrium with a hot body..... 45
White, W. C. Magnetron used for producing very high frequencies *34
Wolff, Irving. Directed radiation of sound from loud speakers... 143

PATENTS—

[*Continued from page 445*]

Electronic Apparatus

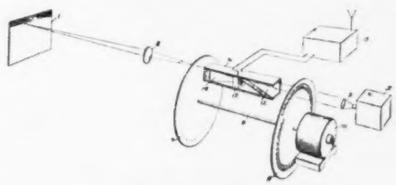
Oscillograph. A cathode ray oscillograph. Otto Ackerman, assigned to Westinghouse E. & M. Co. No. 1,779,794.

Rectifier. A full wave rectifier of the type having a large anode surface and small cathode surfaces. Jacques Risler, Paris, assigned to Risler Corp. of America, Kansas City, Mo. No. 1,780,504.

Vacuum tube. Apparently a tube in which the grid is replaced by a coil of wire wound on magnetic material. E. E. Blackman, assigned to Cleveland Redfield, Ogden, Utah. No. 1,780,698.

Television

A television transmitting system, including a Kerr cell, etc. E. F. W. Alexanderson and Ray D. Kell, assigned to G. E. Co. No. 1,783,031.

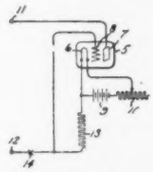


Generation, Detection, Etc.

Oscillation generator. A Piezo-electric device capable of vibrating simultaneously in several modes at different frequencies. E. I. Green, assigned to A. T. & T. Co. No. 1,780,229.

Double-wave rectifier. A system employing two vacuum tubes for rectifying a.c. C. B. Bartley and V. H. Dake, Pittsburgh, Pa. No. 1,782,228.

Linear detector. A resistance is inserted in the cathode lead to which the grid is attached, so that the volt-ampere rectifier characteristic of the device is substantially rectilinear. G. E. Spitzer, assigned to G. E. Company. No. 1,783,059.



Piezo oscillator. A means for manually adjusting the air gap between one conductive plate and the surface of the piezo crystals, as well as a means for indicating the distance between them. Russell F. Ohl, assigned to A. T. & T. Co. No. 1,783,130.

Piezo crystal device. Method of indicating intensity of high frequency oscillations by reflecting light upon mirror near piezo crystal. Vibrations of quartz cause movements of mirror when the light is reflected upon a screen. Alexander Meissner, assigned to Gesellschaft für Drahtlose Telegraphie, Berlin, Germany. No. 1,783,297.